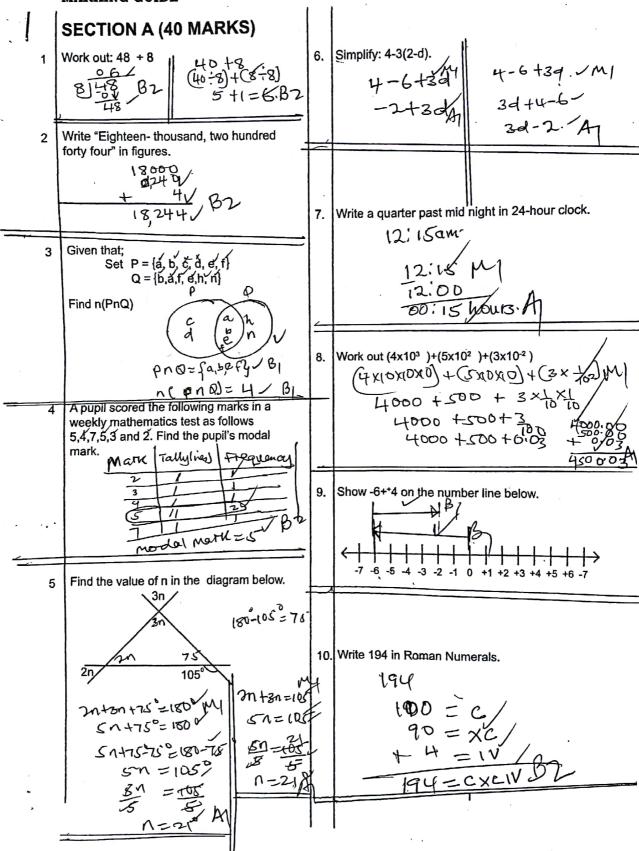
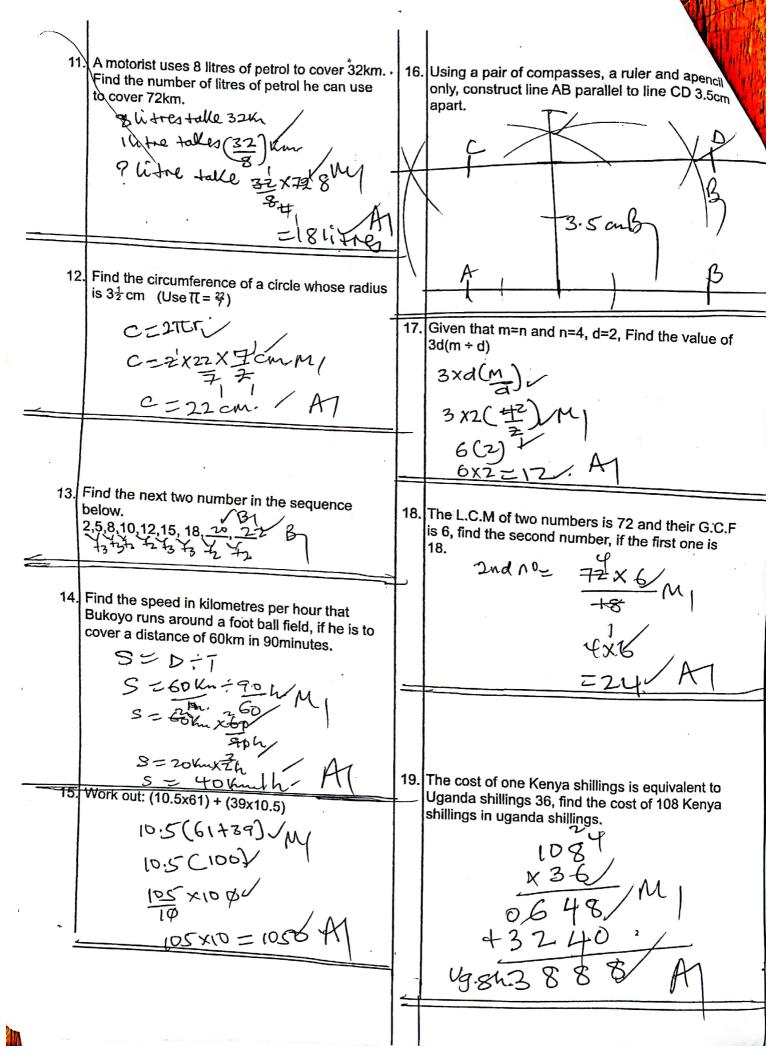
MBARARA ARCHDIOCESE

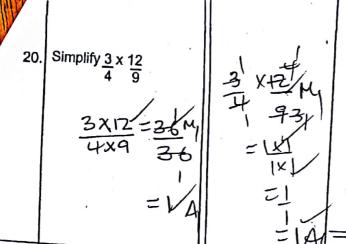
PRE - PRIMARY LEAVING EXAMINATION 2024

MATHEMATICS

MARKING GUIDE





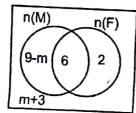


(c) Find the probability of picking a pupil who eats only one type of food. (01 marks)

(02 marks)

SECTION B (60 MARKS)

The venn diagram below shows the number of P.7 candidates who eat meat (M) and fish (F).



(a) If 8 pupils do not eat meat, find the value of m. (02 marks)

0 0 1 <u>(0</u>

2

23

(a) Work out 133_{five} x 42_{five}

(b)The table below shows addition in

base two, study it carefully and complete.

100 100 100 100 100 2+1=3 171 213

(03 marks)

(b) Find the total number of pupils who eat only and neither. (02 marks)

(a) The interior angle of a regular polygon is 100° more than its exterior angle. Find the size of each interior angle.

Find the interior angle sum of the polygon."

No of sides = 366.

(02 marks)

ا اگاسی

180(A-2) 180(9-2)74 180(7)-14 18087=126010 AT

24. The average weight of four men, Mudi, Medi, Musa and Abdul is 56kg, when Phillip and James joined the group, the average weight became 52kg. The weight of Phillip is 8kg less than James. Find the weight of Phillip. (05 marks)

25. Mariam went for shoping and bought the following items as shown in the table below.

Complete the shopping bill table.

(05 marks)

Items Quantity Unit cost Amount sh. 4800 sh 14400 Posho 3kg per kg BI UBI sh. 5,000 Sugar 500 gms sh. 2500 per kg sh. 1200/ Rice 2½kg sh. 3000 per kg Cooking sh. 3000per 2500ml sh<u>1500</u>#1 half litre Total expenditure

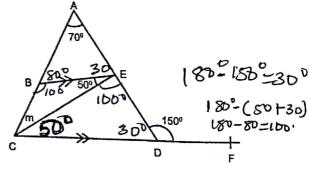
> 14,400 02,500 15,000 34,900

26 A business woman borrowed some money from the bank at a simple interest of 10% per annum for 2 years and 6 months, if she paid an interest of sh. 18,000. Find the total amount of money she would pay at the end of 2 years and 6 months.

2200x6284.15000

5(=PXTXR. |2+6=19 rusz (05 marks) 18000 = PX + X 10 M 18000 = 3P A P + B1 20 x 18000 = 3P X 2 M 20 x 18000 = 3P X 2 M 20 x 18000 = 3P X 2 M 120000 + 18000 20 x 18000 = 3P A

Studay the diagram below and answer the questions that follows

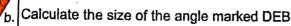


27 (a) Find the value of m.

(02 marks)

 $M + 120^{\circ} = 150^{\circ} - 120^{\circ}$ $M + 120^{\circ} = 150^{\circ} - 120^{\circ}$ $M = 30^{\circ}$

7



-

28. Below is a time table for the bus travels from Kabale to Mbarara.

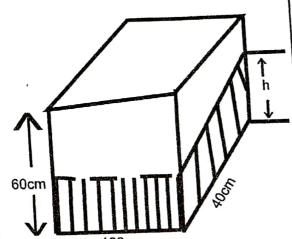
Town	Arrival time	Departure time
Kabale		8:45am
Ntungamo	9:25am	9:35am
Bujaga	10:20am	10:40am
Mbarara	12:15pm	·/

(a) Find the total time taken while resting.

$$3-n+1=2n+10\mu$$

 $3+1-n=2n+10$
 $4-n=2n+10$
 $4-4-n=2n+10+4$
 $-n=2n+6$
 $-n-2n=2n-2n+6\mu$
 $-3n=0+6$
 $-3n=0+6$
 $-3n=0+6$

(2×4)+(-3)



100cm (a) If the water tank is $\frac{2}{3}$ full of water, find the value of h.

$$h = \frac{2}{3} \times \frac{60}{60} \text{ cm}$$
 $h = \frac{2}{3} \times \frac{60}{50} \text{ cm}$
 $h = 2 \times 20 \text{ cm}$
 $h = 40 \text{ cm}$

(b) Calculate the remaining number of litres to fill the whole tank. (03 marks)

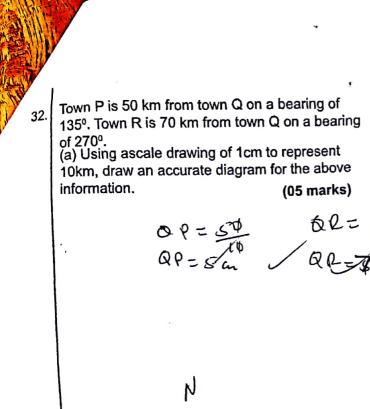
Martha, Agatha, Mary shared mangoes in the ratio of 3:5:7 respectively.

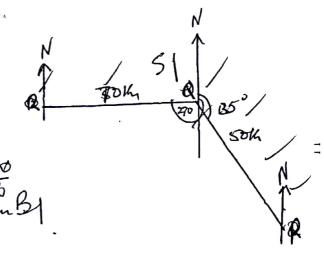
.31.

(a) If Mary got120 more mangoes than Martha,

(b) Calculate the number of mangoes that Martha and Agatha got.

(02 marks) 3+5 X 4895 8 X 4835 M 8 × 30 = 240 Many





7 cm (275) 135 °D, 5cm (27) N

(b) Find the shortest distance in km from town R to town P. (01marks)

END

7